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January 22, 2002

Date

Mark T. Garrett

Commissioner for Patents  
Washington, DC 20231

RE: SN 09/905,670 "METHODS AND APPARATUSES FOR NAVIGATING THE SUBARACHNOID SPACE" – Phillip D. Purdy (Client Reference: UTSMC/DAL:0798)

Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references (A1-A28, C1-C15).

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10104397/MTG.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

Mark T. Garrett

Reg. No. 44,699

MTG/cmb

Encl: as noted



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Phillip D. Purdy

Serial No.: 09/905,670

Filed: July 13, 2001

For: METHODS AND APPARATUSES FOR  
NAVIGATING THE SUBARACHNOID  
SPACE

Group Art Unit: 3763

Examiner: Unknown

Atty. Dkt. No.: UTSD:798US/MTG

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Mark T. Garrett

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Reference C9. Based on the English captions, or legends, beneath the figures, the inventor's present understanding of the relevance of this reference is that C9 deals with "Endoscopic stereotopography" of intracranial contents, and the figures reveal documentation of the endoscopic anatomy of the cerebral structures. The figure legends refer to surgical approaches directly through the skull as the route of access. Therefore, the authors of the paper performed endoscopy by craniotomy.

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10104397/MTG.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



Mark T. Garrett  
Reg. No. 44,699  
Attorney for Applicant

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Date: January 22, 2002

Form PTO-1449 (modified)

Atty. Docket No.  
UTSD:798US/MTGSerial No.  
09/905,670

**List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT**  
JAN 31 2002  
(Use several sheets if necessary)

Applicant  
Phillip D. PurdyFiling Date:  
July 13, 2001Group:  
3763U.S. Patent Documents  
*See Page 1*Foreign Patent Documents  
*See Page 2*Other Art  
*See Page 2***U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date App.
	A1	5,085,631	2/4/92	Leighton	604	28	2/26/90
	A2	5,098,393	3/24/92	Amplatz <i>et al.</i>	604	167.03	5/31/88
	A3	5,297,564	3/29/94	Love	128	898	8/27/92
	A4	5,385,152	1/31/95	Abele <i>et al.</i>	600	585	5/14/93
	A5	5,397,305	3/14/95	Kawula <i>et al.</i>	604	96.01	11/30/92
	A6	5,423,849	6/13/95	Engelson <i>et al.</i>	606	191	1/15/93
	A7	5,449,343	9/12/95	Samson <i>et al.</i>	604	95.01	8/11/88
	A8	5,470,318	11/28/95	Griffith, III <i>et al.</i>	604	161	10/20/94
	A9	5,478,331	12/26/95	Heflin <i>et al.</i>	604	283	5/11/94
	A10	5,520,647	5/28/96	Solar	604	102.02	7/2/93
	A11	5,542,936	8/6/96	Razi	604	264	3/20/95
	A12	5,630,802	5/20/97	Moellmann <i>et al.</i>	604	164.01	4/20/95
	A13	5,704,915	1/6/98	Melsky <i>et al.</i>	604	175	2/14/95
	A14	5,810,869	9/22/98	Kaplan <i>et al.</i>	606	194	11/18/96
	A15	5,931,810	8/3/99	Grabek	604	506	12/5/96
	A16	5,935,122	8/10/99	Fourkas <i>et al.</i>	604	523	8/1/97
	A17	5,951,520	9/14/99	Burzynski <i>et al.</i>	604	170.01	12/19/96
	A18	5,980,484	11/9/99	Ressemann <i>et al.</i>	604	164.13	2/17/98
	A19	6,004,295	12/21/99	Langer <i>et al.</i>	604	164.01	6/26/98
	A20	6,036,654	3/14/00	Quinn <i>et al.</i>	600	526	9/23/94
	A21	6,090,072	7/18/00	Kratoska <i>et al.</i>	604	164.01	3/14/96
	A22	6,120,499	9/19/00	Dickens <i>et al.</i>	606	41	1/3/96
	A23	6,129,713	10/10/00	Mangosong <i>et al.</i>	604	264	8/11/98

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Form PTO-1449 (modified)

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**List of Patents and Publications for Applicant's****INFORMATION DISCLOSURE STATEMENT**

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Applicant

Phillip D. Purdy

Filing Date:

July 13, 2001

Group:

3763

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 2

Other Art

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PTO**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A24	6,146,354	11/14/00	Beil	604	28	5/24/96
	A25	6,183,443B1	2/6/01	Kratoska <i>et al.</i>	604	164.03	10/26/98
	A26	6,190,349B1	2/20/01	Ash <i>et al.</i>	604	43	8/2/99
	A27	6,200,336B1	3/13/01	Pavcnik <i>et al.</i>	623	1.15	6/2/99
	A28	6,214,029B1	4/10/01	Thill <i>et al.</i>	606	213	4/26/00

**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C1 ✓	Amar <i>et al.</i> , "Microcatheterization of the cervical epidural space via lumbar puncture: Technical note," <i>Neurosurgery</i> , 48(5):1183-1187, 2001. Article from the Neurosurgery website at: <a href="http://www.neurosurgery-online.com">http://www.neurosurgery-online.com</a> , October 23, 2001.
	C2 ✓	Blomberg, "A method for epiduroscopy and spinaloscopy. Presentation of preliminary results," <i>Acta Anaesthesiol. Scand.</i> , 29(1):113-116, 1985.
	C3 ✓	Blomberg, "Fibrous structures in the subarachnoid space: a study with spinaloscopy in autopsy subjects," <i>Anesth. Analg.</i> , 80(5):875-879, 1995.
	C4 ✓	Delhaas, "Extradural and subarachnoid catheterization using the Seldinger technique," <i>Br. J. Anaesth.</i> , 76(1):149-150, 1996.
	C5 ✓	Eguchi <i>et al.</i> , "Endoscopy of spinal cord and posterior fossa by a lumbar percutaneous approach: endoscopic anatomy in cadavers," <i>Minim. Invasive Neurosurg.</i> 42(2):74-78, 1999.
	C6 ✓	Eguchi <i>et al.</i> , "Endoscopy of the spinal cord: cadaveric study and clinical experience," <i>Minim. Invasive Neurosurg.</i> , 42(3):164-151, 1999.

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Form PTO-1449 (modified)		Atty. Docket No. UTSD:798US/MTG	Serial No. 09/905,670
<b>List of Patents and Publications for Applicant's</b> INFORMATION DISCLOSURE STATEMENT <small>JAN 31 2002</small> <small>(Use several sheets if necessary)</small>		Applicant Phillip D. Purdy	
<small>PATENT &amp; TRADEMARK OFFICE</small> U.S. Patent Documents <i>See Page 1</i>		Foreign Patent Documents <i>See Page 2</i>	Filing Date: July 13, 2001 Group: 3763 <small>TC</small> <small>FEB - 9 2002</small> <small>RECEIVED</small> <small>MAIL ROOM</small>

### **Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C7	Fries and Reisch, "Biportal Neuroendoscopic Microsurgical Approaches to the Subarachnoid Cisterns. A Cadaver Study," <i>Minim. Invas. Neurosurg.</i> , 39:99-104, 1996.
	C8	Karakhan <i>et al.</i> , "Operative spinal endoscopy: stereotopography and surgical possibilities," <i>Acta Neurochir. Suppl.</i> , 61:108-114, 1994.
	C9	Karakhan, "Use of intracranial endoscopy in morphologic studies," <i>Arkh. Anat. Gistol. Embriol.</i> , 98(1):75-82, 1990. Russian.
	C10	Miyamoto <i>et al.</i> , "The development of spinal endoscope using a flexible optic fiber," <i>No. To. Shinkei</i> , 41(12):1233-1238, 1989. Abstract on page 1238.
	C11	Stefanov <i>et al.</i> , "A new method for transcutaneous coaxial neuroendoscopy," <i>Anat. Embryol.</i> , 194(4):319-326, 1996.
	C12	Suzukawa <i>et al.</i> , "Percutaneous fiberoptic spinal laser endoscopy," <i>J. Clin Laser Med Surg.</i> , 8(6):27-30, 1990.
	C13	Tanaka <i>et al.</i> , "Endoscopic treatment of symptomatic spinal subarachnoid cysts," <i>AJR Am. J. Roentgenol.</i> 169(6):1719-1720, 1997.
	C14	Uchiyama <i>et al.</i> , "Ultrafine Flexible Spinal Endoscope (Myeloscope) and Discovery of an Unreported Subarachnoid Lesion," <i>Spine</i> , 23(21):2358-2362, 1998.
	C15	Vinas <i>et al.</i> , "Microanatomical basis for the third ventriculostomy," <i>Minim. Invasive Neurosug.</i> 39(4):116-121, 1996.

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